

Notice of Allowability

Application No.

10/601,916

Examiner

Janet M. Wilkens

Applicant(s)

CHEN, SHIOW-HUI

Art Unit

3637

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the filing of the application on June 24, 2003.
2. ☒ The allowed claim(s) is/are 1-18.
3. ☒ The drawings filed on 24 June 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance: the prior art fails to teach an umbrella stand frame with all of the features as claimed, i.e. for claim 1, the stand includes a main shaft with upper, middle and lower tubes and a connecting sleeve between the middle and lower tubes; a stand base mount to the lower tube; a top cover mounted to the upper tube; a height-adjustable device mounted on the lower tube; a lower sleeve slidably mounted on the upper tube; a long hanger arm pivotally mounted on the lower sleeve; a short hanger arm pivotally mounted to the top cover and long hanger arm; a fixing support including an L-shaped base section, rotational section and connecting section with an axle passing through the sections and the connecting section being attached to the long hanger arm; an umbrella frame having an upper hinge disk, a lower hinge disk, a multi-sectional telescopic tube there between, and a plurality of ribs pivotally connected to one of the disks and to one of the other opposing ribs; an umbrella-opening string with string and pulley system; an upper-tube-pulling string with string, pulley and windlass system; and a lower-sleeve-pulling string with string and pulley system and for claim 9, the stand includes a main shaft with upper, middle and lower tubes and a connecting sleeve between the middle and lower tubes; a stand base mount to the lower tube; a top cover mounted to the upper tube; an angle-adjustable device mounted on the upper tube; a lower sleeve slidably mounted on the upper tube between the cover and angle adjusting device; a long hanger arm pivotally mounted on the lower sleeve; a short hanger arm pivotally mounted to the top cover and long hanger arm; a fixing support mounted at an end of the long hanger arm and

including an L-shaped base section, rotational section and connecting section with an axle passing through the sections and the connecting section being attached to the long hanger arm; an umbrella frame having an upper hinge disk, a lower hinge disk, a multi-sectional telescopic tube there between, and a plurality of ribs pivotally connected to one of the disks and to one of the other opposing ribs; and a tilt-control string with string, rotor, worm, gear wheel and pulley system.

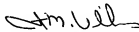
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Janet M. Wilkens whose telephone number is (703)308-2204. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lanna Mai can be reached on (703)308-2486. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Wilkens
February 19, 2005


JANET M. WILKENS
PRIMARY EXAMINER
A-10-3637